

No. K-14011/09/2014-MRTS-Coord
Government of India
Ministry of Housing and Urban Affairs
(MRTS Coord Desk)

311-' B' Wing, Nirman Bhawan,
New Delhi, the 28th November 2019.

To,

The Managing Director,
(All 50:50 JV Metro Rail Corporation, Jaipur Metro, & MMRDA)

Subject: Make in India and Standardisation in Metro Rail/ RRTS System

Sir,

I am directed to refer to the above cited subject and to say that for the promotion of Government of India's 'Make in India' initiative and to create conducive environment for indigenization of metro rail systems, this Ministry has time to time circulated directives/guidelines to metro rail companies. Adherence to these initiatives/guidelines will not only facilitates investment, fosters innovation, enhance skill development, job creation but also lead to build best in-class manufacturing infrastructure in the country

2. In this regard, the initiatives/guidelines issued by this Ministry from time to time are reiterated for necessary action. Any directive/guideline/directive which was issued earlier but not mentioned below may also deemed to be included for the purpose.

- i. The Public Procurement (preference to Make in India) Order, 2017 with subsequent revisions issued by Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry along with other guidelines issued by Government of India (GoI) should be applicable in procurement of Goods, Services and Works.
- ii. It may be ensured that Indian Companies are not left out on account of eligibility criteria in procurement.(K-14011/09/2014-UT.II/MRTS-Coord dated 09.08.2016)
- iii. No restrictive or discriminatory clauses against the domestic manufacturers may be imposed in the tender documents for the procurement of various metro rail components. (K-14011/09/2014-UT.II/MRTS-Coord dated 09.08.2016)
- iv. The following mandatory provisions issued vide letter of even number dated 11.04.2018 will have to be incorporated in the tender documents for the procurement of rolling stock:
 - a. Minimum 75% of the tendered quantity of cars shall be manufactured indigenously with progressively increased indigenous content either by establishing facility in India or in partnership with Indian reputed manufactures.
 - b. To facilitate ease in maintenance and easy availability of spares during post warranty period, an identified list of critical equipment/sub- systems shall be included in the tender document. Indigenous manufacturing of the listed items shall be ensured for manufacturing of minimum 25% of the tendered quantity of metro cars. This may either be achieved by the OEM themselves by establishing a wholly owned subsidiary in India or through a suitable Indian reputed manufactures.

c. In order to develop in-house expertise on long term basis, metro companies having sizeable fleet strength may consider undertaking in-house maintenance. However, metros with small fleet may opt for availing assistance of OEMs for maintenance of key equipment. Considered decision for undertaking maintenance by rolling stock manufacturer or otherwise may be taken by the metro companies.

v. The Phased manufacturing Plan (PMP) issue vide O.M no K-14011/08/2017/MRTS-Coord dated 13.07.2018 by MoHUA i.e to increase the minimum local content in rolling stock to 50 % from Financial Year 2019, telecom to 50% by FY 2020 and signaling to 40 % from FY 2020 and 50% from FY 2023 respectively. Minimum local content in civil work electrical items to kept at 80% and 50% respectively in procurement. It is also decided that the goods and services or works for which sufficient local capacity and local competition and where the estimated value of procurement is Rs 50 lakh or less, the procurement should be from indigenous source.

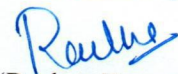
vi. In order to promote indigenization and reduction in cost, the specifications of various metro rail components like rolling stock, signaling & telecom systems, electrical & electromechanical systems and civil engineering structures have been standardized. These standards will ensure that metro rail sub systems for all new metro projects conform to the prescribed standards and thus encouraging manufacturers to set up their units in India eyeing the enormous future prospects and the economies of scale provided by the large scale production of standard products. Specific steps for promoting 'Make in India' have been stipulated in these standards.

vii. A standard eligibility criterion for procurement of rolling stock has also been firmed up and circulated. The standard specifications and eligibility criterion are available on MoHUA's Website (<http://mohua.gov.in/>).

viii. In order to ensure uniformity in cost estimation of metro projects this Ministry has firmed up the Cost Estimates of Metro Rail Projects and circulated the "Report on Benchmarking for Cost Estimation of Metro Rail Projects" to all metro rail companies for compliance. The report is available on MoHUA's Website (<http://mohua.gov.in/>).

ix. The standards for Light Urban Rail Transit system called "Metrolite" has been issued by this Ministry and circulated to States/UTs and Metro companies. Metrolite is suitable for cities with lower projection of ridership and can be constructed at lesser cost than that of high capacity metro system. This can also be used as feeder to high capacity metro system. Metrolite standards are also available on MoHUA's Website (<http://mohua.gov.in/>).

Yours faithfully,



(Rachna Kumar)

Under Secretary to the Govt. of India

Tel: 23062935

List of 50:50 Metro Rail Corporations:

1.	The Managing Director, Delhi Metro Rail Corporation Ltd., Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110 001. Email: mdmetro@dmrc.org	2.	The Managing Director, Chennai Metro Rail Ltd., Admn. Building, Poonamallee High Road, Koyambedu, Chennai-600107. Email: md.cmrl@tn.gov.in mdcmrl2010@gmail.com
3.	The Managing Director, Mumbai Metro Rail Corpn. Ltd., Bandra Kurla Complex, Bandra (East), Mumbai-400051. Email: md.office@mmrcl.com	4.	The Managing Director, Bangalore Metro Rail Corpn. Ltd., 3 rd Floor, BMTC Complex, K.H. Road, Shanthinagar, Bangalore-560 027. Email: md@bmrc.co.in
5.	The Managing Director, Noida Metro Rail Corporation Limited, Block-III, 3 rd Floor, Ganga Shopping Complex, Sector – 29, Noida - 201301 E.mail: nmrcnoida@gmail.com	6.	The Managing Director, Lucknow Metro Rail Corpn. Ltd., (for Lucknow, Kanpur and Agra Metros) Administrative Building, Near Dr. Bhimrao Ambedkar Samajik Parivartan Sthal, Vipin Khand, Gomti Nagar, Lucknow-226 010. Email: mdlucknowmetro@gmail.com
7.	The Managing Director, National Capital Region Transport Corporation Ltd. (NCRTC), Siri Fort Institutional Area, August Kranti Marg, New Delhi-110 049 E.mail: md.office@ncrtc.in	8.	The Managing Director, Kochi Metro Rail Ltd., 8 th Floor, Revenue Tower, Park Avenue, Opp. Boat Jetty, Kochi-682 011 Email: md@kmrl.co.in
9.	The Managing Director, Gujarat Metro Rail Corporation Limited, (for Ahmedabad, Gandhinagar and Surat Metros) Block No.1, 1 st Floor, Karma Yogi Bhavan, Sector-10A, Gandhinagar-382 010. Email: md@gujaratmetrorail.com	10.	The Managing Director, Maha- Metro Rail Corporation, (for Nagpur and Pune Metros) “Metro House”, 28/2, C.K. Naidu Road, Anand Nagar, Civil Lines, Nagpur-440 001. Email: md@mahametro.org
11	The Managing Director, Madhya Pradesh Metro Rail Company Ltd., (for Bhopal and Indore Metros) Palika Bhavan,, Near 6 number Bus Stop Shivaji Nagar, Bhopal – 462016 Email: psuaddmp@mpurban.gov.in	12	The Managing Director, Patna Metro Rail Corporation Limited, Patna, Bihar Email: ud.bihar@gmail.com